SPECIFICATIONS
Residence for
Dr. & Mrs. Joe Hooten, Jr.
Athens, Georgia
Sterling E. Wilhoit, Jr. Architect
199 Tanglewood Drive, Athens, Georgia

6-8881

Beginning at an iron pin 871 feet from the southwesterly intersection of McWhorter Drive and Rock Glenn Road; running thence south 66½ degrees west 95 feet to an iron pin; running thence south 36 degrees west 68.5 feet to an iron pin; running thence south 34½ degrees east 98½ feet to an iron pin; running thence north 75 degrees east 165 feet to an iron pin; running thence north 32 degrees 20 minutes west 177 feet to beginning iron pin.

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Beginning at an iron pin 871 feet from the southwesterly
intersection of Woodbury Drive and Rock Glenn Road;
running thence south 69½ degrees west 95 feet to an
iron pin; running thence south 30 degrees west 68.5 feet
to an iron pin; running thence south 39½ degrees east
98½ feet to an iron pin; running thence north 75 degrees
east 165 feet to an iron pin; running thence north
32 degrees 20 minutes west 177 feet to beginning iron
pin.

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SECTION NO. 1 - GENERAL CONDITIONS

1-01 GENERAL CONDITIONS: "The General Conditions of the Contract" (Short Form) issued by The American Institute of Architects shall apply to and form a part of these specifications. Copies of the "General Conditions of the Contract" are on file and may be referred to at the office of the Architect.

1-02 NOTICE TO BIDDERS: Before submitting a proposal, each bidder shall examine all drawings relating to this work and shall become fully informed as to the extent and character of the work required.

1-03 VERIFYING EXISTING CONDITIONS: Before submitting a bid, the Contractor shall examine the building site and adjacent property, verify all governing dimensions and fully inform himself of all conditions affecting or relating to the work to be done.

1-04 PERMITS, INSPECTIONS & FEES: The Contractor shall obtain and pay for all permits of every nature required for the work. He shall give notice to the proper authorities of all inspections required and shall pay all fees for inspections where required.

1-05 LAYING OUT WORK: The Contractor will be held responsible for the correct laying out of his work and any errors shall be corrected without extra cost to the Owner.

1-06 PAYMENTS: Monthly payments will be made to the Contractor by the Owner representing 90% of the value of the work based on the contract prices of labor and materials incorporated in the structure, and of materials suitably stored at the site thereof. Final payment in full will be due 10 days after completion of the work, upon completion of Architects final certificate.

1-07 FIRE INSURANCE: Article 15 of the General Conditions is hereby modified by deleting the first paragraph and substituting the following:

"The Contractor shall effect and maintain fire insurance with extended coverage upon the entire structure on which the work of this Contract is to be done and upon all materials, in or adjacent thereto and intended for use thereon, up to 100% of the contract price of the work. Form of policy to be used shall be "Completed Value Builders Risk Form"."

1-08 CONTRACTOR'S INSURANCE: The Contractor shall file with the Owner certificates for insurance as follows:

1. Workmen's Compensation Insurance as required by law.

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2. Public Liability Insurance for bodily injury in the amounts of not less than $10,000 for any one person and $20,000 for several persons.

3. Builder's Risk Insurance as stipulated above.

1-09 TAXES: The Contractor assumes and is liable for all State and Federal employer's and employee's taxes and withholding taxes.

1-10 RIGHT TO REJECT BIDS: The Owner reserves the right to reject any or all bids.

1-11 OWNER'S PROTECTIVE BOND: The Contractor shall be prepared to furnish Owner's Protective Bond if desired. If such bond is required, the premium shall be paid by the Owner.

1-12 CLEANING UP: Article 20 of General Conditions shall be modified as follows: "In addition to removal of rubbish and leaving the building broom clean, Contractor shall clean all glass; replace any broken glass; remove stains, spots, marks and dirt from all surfaces; and clean fixtures.'

1-13 ALLOWANCES: Where cash allowances are specified herein, they shall be construed to mean the net price of the articles so purchased including sales tax and cost of delivery to the site of the work. Any discounts shall accrue to the benefit of the Owner. If the aggregate cost of articles purchased under cash allowances is greater or less than the amounts specified, the contract price shall be adjusted accordingly on final payment.

1-14 WAIVER OF LIENS: The final payment shall not be due until the Contractor has delivered to the Owner a complete release of all liens arising out of this contract, or receipts in full covering all labor and materials for which a lien could be filed, or a bond satisfactory to the Owner indemnifying him against any lien.

1-15 TEMPORARY HEAT: The Contractor shall provide and pay for such temporary heat and such other protection as may be necessary to protect finished work from freezing and expedite the completion.

1-16 TEMPORARY UTILITIES: The Contractor shall provide and pay for an adequate supply of water, electricity and any other utilities required to be maintained at the building site, for the use of all trades, during the entire course of construction.

1-17 TEMPORARY TOILETS: The Contractor shall provide and maintain temporary toilets for white and colored workmen separately. Locate toilets where directed. Keep toilets in sanitary condition and remove at completion or when no longer required.

SECTION NO. 2 - EXCAVATION

2-01 CLEARING SITE: Remove all vegetation, rubbish and other obstructions within five feet of the outside lines of the building and where required by grading operations. Remove top soil from the area to be covered by the building and pile on the property; after backfilling is completed top soil shall be spread evenly where directed.

2-02 PROTECTION: The Contractor shall protect from damage all adjoining premises and property; and shall make good at his own expense all damage arising out of any operation connected with this Contract.

Carefully protect by boxing all trees located near the site of the building. Such pruning of limbs and branches as may be required by the work shall be done in a manner to avoid permanent injury to the trees.

2-03 ROUGH GRADING: Do all cutting and filling to bring building site to levels shown by new contour lines on Site Plan.

2-04 EXCAVATION: Bids shall be submitted on the assumption that all excavations to the contract levels and dimensions required by the drawings and specifications shall be earth excavations. Earth excavations shall include the excavation to the dimensions required of all materials of whatsoever nature except rock. Rock is defined as all material that requires blasting, including all solids larger than 1/2 cubic yard.

Should rock be encountered above contract levels, all rock surfaces shall be uncovered and the Contractor shall at his expense hire a licensed surveyor, who shall prepare a survey indicating contour levels of rock surface at 10-foot square intervals. The survey shall be submitted to the Architect for computing the rock quantity to be excavated. The Contractor shall be paid for the difference in cost of rock and earth excavation.

2-05 BACK-FILLING: At the proper time back-fill around walls and piers, under concrete floor slabs and elsewhere as required. Use only earth without rubbish; where necessary Contractor shall provide additional earth for filling without extra cost to the Owner. All filling shall be well tamped down and puddled if necessary, to prevent settlement.

06 FINISH GRADING: All surfaces shall be brought to the proper level with the top soil and the lot graded as indicated or directed. Slope the ground so that water will drain, at all points, away from the building.

SECTION NO. 3 - CONCRETE WORK

3-01 MATERIALS:

Cement - All cement shall be Portland cement conforming to requirements of ASTM Spec. C-150, Type I.

Sand - All sand shall be free from loam, clay, salt, excessive mica, or other impurities and shall conform to ASTM Specifications for concrete aggregates.

Coarse Aggregate - Coarse aggregate shall consist of clean gravel or crushed stone conforming to requirements of ASTM Spec. C-33.

Water - Water Shall be fresh, clean and fit to drink.

Reinforcement - Reinforcing bars shall be of size and spacing indicated and shall conform to requirements of ASTM Specs. A-15, A-16 or A-160. Welded wire fabric shall be not less than 6" x 6", #10 x #10.

3-02 STRENGTH OF CONCRETE: The minimum compressive strength of concrete at age 28 days shall be 2500 lbs. per sq. in. for footings and floor slabs on grade and 3000 lbs. per sq. in. for all other concrete.

3-03 FORMS: All forms shall be erected in a thoroughly strong and substantial manner, constructed of sound, smooth lumber, plywood or metal.

3-04 MIXING OF CONCRETE: All concrete shall be ready-mixed concrete, mixed and delivered in accordance with requirements of ASTM Spec. C-94.

3-05 PLACING: Concrete shall be handled and placed as rapidly as possible, and deposited as nearly in final position as practicable. All concrete shall be thoroughly compacted by suitable tools during and after depositing.

3-06 WEATHER CONDITIONS: No exposed concrete shall be poured during rain and any freshly poured concrete must be protected from rain by suitable covering until has set. No concrete shall be poured in freezing weather except under conditions especially approved by the Architect, including heating of all concrete ingredients as well as the finishing and by protection of the concrete by covering with straw, dust or other suitable material to prevent freezing.

3-07 CONCRETE FOOTINGS: Concrete footings, reinforced as shown, shall be provided under all walls, piers and columns. Footings shall rest upon solid bearing surfaces approved by the Architect.

3-08 CONCRETE FLOOR SLABS: Ground supported slabs shall be placed upon a vapor barrier of 4 mil. thickness polyethlene film on properly levelled and tamped sand fill at correct grade; slabs shall be reinforced with welded wire fabric. Suspended slabs shall be reinforced as shown.

3-09 CONCRETE HEARTH CONSTRUCTION: Supports for fireplace hearths shall be made of 4" concrete slab reinforced by No. 3 (3/8") round rods 12" c.c. both ways. Finish of hearths is specified in Section No. 9.

SECTION NO. 4 - MASONRY

4-01 MASONRY MATERIALS:

Face Brick - All exterior brickwork shall be face brick. Allow $50.00 per thousand for the cost of the face brick to be selected by the Architect at a later date.

Common Brick - Common brick shall be first quality, new, hard burned, square edged clay or shale conforming to current ASTM Spec. C-62, Grade SW.

Fire Brick - Fire brick shall be made from fire clay and shall be of type approved by Architect. Submit sample for approval.

Concrete Block - Concrete masonry units shall conform to the physical requirements (compressive strength, absorption and moisture content) of the current ASTM Spec. C-90 for Hollow Load Bearing Concrete Masonry Units.

Flue Lining and Thimbles - Sound, hard-burned, unwarped terra cotta flue tile, free from cracks and spalls and of size indicated.

Masonry Cement - ASTM C-91, Type II.

Sand - ASTM C-144, free from loam, acids, alkali or organic matter.

Water - Fresh, clean, clear and fit to drink.

4-02 MORTAR:

Mortar - Mortar for general masonry work shall be mixed in proportions of 3 cubic feet of sand and 1 bag of masonry cement, the sand and cement being mixed dry before adding water and again after water has been added. Mortar for face brick work shall contain mortar color as selected by the Architect.

4-03 WORKMANSHIP: All masonry work shall be built plumb and true. Joints in brickwork shall be completely filled with mortar; use divided joints for concrete block work. All corners and intersections shall be thoroughly bonded.

Joints in brickwork shall be of such width as to lay 3 courses in 8 inches. Lay brick in regular running bond. Joints in face brick work shall be tooled to form a weathered joint.

Brick veneer shall be bonded to backing with crimped galvanized wall ties spaced not over 18 inches on centers both vertically and horizontally.

Exterior masonry shall not be laid in freezing weather or under probability of freezing. If in doubt, provide cover protection where freezing of mortar might occur.

4-04 BUILT-IN WORK: The mason shall build into walls all frames, bolts, anchors, nailing blocks, termite shields, roof flashing, etc. as required and provided by other trades.

4-05 CHIMNEYS AND FIREPLACES: Chimneys shall be built as indicated on plans and details. All flues throughout shall be lined with hard burned terra cotta flue lining set in full mortar joints smoothed on the inside. Lining for all basement flues shall start 4'-0" below the basement ceiling. In any case where no withes occur between the flues, the joints of the flue lining are to be staggered and a thin filling of mortar grouted between the linings. Chimney shall be topped out and capped as shown. All brickwork shall be laid at least 2 inches from all floor framing, and 1 inch away from all studding or furring. No nails shall be driven into the chimneys.

Furnish thimbles of sizes shown and build into the flues at the heights directed by the Architect.

Chimney flashing shall be furnished by the roofer and built in under his direction. All chimney flashing shall be through flashing.

Two 3½"x 3½"x ½" steel angles shall be built in above each fireplace opening. Backs, jambs and back hearth of fireplaces shall be lined with firebrick, laid to expose the narrow face, and using fireclay mortar. Hearths shall be supported by 4-inch reinforced concrete slabs as specified in Concrete Section.

4-06 MASONRY FLASHING:

Material - Sheet copper weighing not less than 2 oz. per square foot bonded to heavy kraft paper with jute fiber reinforcing.

Application - Flashing shall be laid in a fresh bed of mortar and spotted with plastic cement to hold it in place until masonry is laid

Where Required - Over heads and beneath sills of openings masonry and masonry veneer walls and at other locations where indicated.

WATERPROOFING: All exterior masonry walls below grade of finished areas shall be sealed from the base of the footings to the finished grade by means of continuous application of "Thoro 130". Material shall be trowelled on to a thickness of approximately ¼" and protected with a layer of asphalt saturated felt. The work shall be done in accordance with the instructions of the manufacturer or its representative.

Contractor shall furnish Owner with a written 5-year guarantee in which he agrees to correct and repair at his own expense any leaks that may occur in or around surfaces that are waterproofed.

Should the Contractor object to furnishing the required guarantee on the waterproofing specified herein, he may submit for approval of the Architect other methods or materials on which he is willing to give the required guarantee.

4-08 CAULKING: Provide caulking around perimeter of all openings in masonry and at other locations where shown. The caulking compound shall be Tremco Caulking and Pointing compound. Openings more than 3/4" in depth shall be filled with picked oakum or mop yarn to within 3/4" of the surface before caulking is installed.

The caulking compound shall be forced into the openings with a caulking gun having a nozzle not less than 3/8" in diameter at the opening, so as to fill the opening completely, making a smooth, neat bend, extending not more than 1/4" out beyond the face of the opening.

4-09 CLEANING AND POINTING: All exterior brick work shall be thoroughly cleaned, working from the top down, with fiber brushes. A 5% solution of muriatic acid may be used for cleaning if followed immediately by thorough rinsing with clean water. Excess mortar and mortar stains shall be removed and the surface rinsed with clean water.

As the cleaning progresses all cracks and holes in mortar joints shall be carefully pointed up and filled with fresh mortar.

4-10 RUBBLE STONE WALLS:

Material - "Surface" granite, quarried from surface of ground so that exposed face of stones shows a weathered appearance, not machined finish.

Mortar - Mortar for rubble stone masonry shall be mixed in proportions of 1 part Portland cement; 1/4 part lime putty and 3 parts sand by volume.

Laying Rubble Masonry - Walls shall be laid of surface granite as specified above and as approved by the Architect. All stone shall be thoroughly bonded, bedded, hammered down hard, and flushed solid in every joint. Walls shall be laid with cement mortar as specified, with joints held back from the edge to show the shape of each stone, and shall not be pointed at completion. All joints shall be brushed out to remove loose material and mortar. All walls shall be properly covered during the progress of the work and any damaged work shall be rebuilt.

SECTION NO. 5 - MISCELLANEOUS METAL WORK

5-01 MATERIALS: Cast iron shall be new, tough gray iron, free from defects which might impair strength or durability.

Wrought iron shall be tough and ductile, uniform, straight and smooth, without defects.

Structural steel shall meet requirements of ASTM Spec. A-7.

5-02 PAINTING: All materials and work furnished under this Section, except hardware, shall be thoroughly cleaned and shop painted one coat of metal primer. Touch up damaged spots in shop paint before erection.

5-03 ANCHORS: Include all anchors, bolts, supports and other fittings required to securely fasten in place all work of other trades.

5-04 STEEL LINTELS: Unless otherwise indicated, provide steel angle lintels for all openings in masonry walls. Lintels shall be 3-1/2" x 3-1/2" x 1/4" angles for spans up to 6 ft. and 3-1/2" x 5" x 5/16" angles for spans over 6 ft. Provide one angle for each 4" thickness of brick wall.

5-05 FOUNDATION VENTS: Foundation vents shall be cast iron, size 8" x 16", equal to Majestic Model No. 160. Ventilators shall be furnished and installed where shown in foundation walls to ventilate unexcavated areas.

Vents shall be screened on back with 16 mesh galvanized or aluminum screening and shall have an adjustable damper for closing in winter. Vents of cast aluminum may be substituted for cast iron if approved by the Architect.

5-06 FIREPLACE DAMPERS: Dampers shall be Superior or approved equal, pokor control type of proper type for width of fireplace opening. Provide dampers for all fireplaces.

5-07 HANGING RODS: Hanging rods for closets shall be 1" I. D. galv. PIPE supported by holes in wood shelf cleats. center span shelf support K.&V. No. 1194

5-08 GLASS SLIDING DOORS: Doors shall be equal to 200 series as manufactured by Peachtree Doors, Inc., Atlanta, Georgia. Frames shall be 5 inches deep and shall be tightly joined at corners by aluminum angles. Stiles and rails shall be one piece tubular aluminum sections. Furnish doors complete with 7/32" tempered glass and screens.

5-09 STAIR HANDRAIL & BALUSTERS: Handrail shall be J. G. Braun Co. No. 1249 Balusters 3/4 x 3/4 steel tubing, close bottom ends.

SECTION NO. 6 - CARPENTRY

6-01 FRAMING:

Materials - All framing shall be No. 1 Com. Southern pine or Construction Grade Douglas fir and shall bear the grade mark stamp. Material shall be dried to a moisture content of not more than 19%. Sills, girders and first floor joists exposed under balcony shall be preservative treated by the osmose process and all bearing plates on masonry.

Girders shall be solid or built-up wood and shall have 4-inch minimum bearing on walls and piers.

Sills on foundation walls shall be leveled and bedded in mortar and secured with anchor bolts 6 feet on centers.

Joists shall be of sizes and spacing indicated and shall be laid "crown" edge up, to a level line. Double joists to form headers and trimmers and under all partitions.

Bridging of 1" x 3" material shall be installed between all floor and ceiling joists in the center of spans up to 16 feet. For greater spans, two rows shall be installed. Bridging shall be securely nailed at each end before any plastering is done.

Framing around Chimney - All framing members such as joists, partition studs and rafters shall be installed to provide minimum of 2 inches between the masonry and the framing member.

Corner posts shall consist of one 4" x 6" and one 2" x 4" spiked together, or three pieces of 2" x 4" set so as to provide full nailing support for lath.

Studs for walls and partitions shall be 2" x 4", except where 2" x 6" are shown, spaced 16 inches on centers. Set studs plumb on a single 2" x 4" sole plate; top plate shall be doubled 2" x 4" 's,lapped at corners and where partitions intersect.

Frame openings with double studs on each side and with double headers set on edge flush with each side to support openings up to 4 feet wide. For openings over 4 feet up to 7 feet use double 2" x 6" headers on edge. For openings over 7 feet use double 2" x 8" headers with additional trussing.

Common rafters shall be of size indicated, accurately set with "crown" edge up, spaced according to drawings and securely nailed to ridge, plate and ceiling joists.

Collar beams shall be installed on each alternate pair of rafters at a height of 2/3 of the distance between plate and ridge. Knee walls shall be installed where rafter length exceeds 14 feet.

6-02 SHEATHING AND SUB-FLOORING: Material for sheathing and sub-flooring shall be No. 2 Com. Southern pine 1" x 6" or 1" x 8" tongued and grooved. At Contractors option 3/4" thick plywood may be used for sub-floor and roof sheathing; at Contractor's option asphalt impregnated fiberboard sheathing may be used for wall sheathing provided that let-in diagonal corner braces as approved are installed at all corners.

Sub-flooring shall be laid diagonally, with end joints centering on bearings, and nailed at each end and each bearing with two nails for 6-inch material and three nails for 8-inch material.

Wall sheathing shall be applied diagonally, fitted tightly between rafters to roof boards, cross joints centered and staggered on studs and nailed as specified for sub-floors.

Roof sheathing shall be laid tight, at right angle to rafters and nailed as specified for sub-floors.

6-03 BUILDING PAPER AND FELT: Over wall sheathing, apply weather-tight building paper or felt, lapped 4 inches horizontally and vertically. On roof sheathing apply 15 lb. per square asphalt saturated roofers felt. Between sub-floors and finish floors lay asphalt saturated felt or heavy rosin sized building paper. Use heavy deadening felt on upper floor.

6-04 EXTERIOR DOORS: Exterior doors shall be 1-3/4" thick white pine or redwood, of design shown, with raised panels. Exterior frames for doors shall be as detailed, with glazed sidelights and transoms where indicated.

6-05 WINDOWS: Windows and frames shall be pre-fabricated units of size and design shown, complete with frames, exterior trim and 2-1/4" thick sash. Windows shall be wood sliding, awning casement. Units shall be complete with screens, hardware and weatherstripping equal to R.O.W. Royal casement., GLIDING & VENT-A-WALL

6-06 GLAZING: All sash glass shall be SSB, cut with smooth straight edges; bedded, back-puttied and face puttied.

All fixed glass double glazed with 1/2" air space thermopane where noted.

At completion of the building, all glass shall be washed clean and left in a whole and finished manner.

After cleaning any glass showing defects that were present when delivered to the building or damaged during installation shall be removed and replaced with new glass at no additional cost to the Owner.

6-07 EXTERIOR TRIM:

Material- All exterior wood finish, except as otherwise specified, shall be B & Btr. Southern yellow pine, kilned dried or fir.

Exterior louvers shall be of size and shape indicated and shall be screened on back with 16 mesh aluminum screen wire cloth.

Exterior cornices and mouldings shall be made according to details shown.

Exterior siding shall be 5/8" Western Red Cedar plywood with reverse batten grooves.

6-08 INTERIOR FINISH:

Material - All interior finish material shall be of species as hereinafter specified, kiln dried to a moisture content not exceeding 15%.

Dobr Frames - Interior door frames shall be 1-1/16 inch thick B - Btr. Southern Yellow pine and shall have 1/2 inch applied stops.

Doors - Interior doors shall be 1-3/8 inches thick.
Entrance doors- see plans.
Closet doors - Bi-fold stock louver door units as shown.

Doors - Hollow core commercial standard CS - 171 - 58 Hardwood veneers, Beechwood species.

Trim - Door and window casings shall be of white pine, of profile shown, applied with mouldings mitered at corners. Baseboard and other trim according to details.

Kitchen Cabinets - Cabinets shall be equal to stock units of Mutschler Brothers Company, Nappanee, Indiana, as shown on drawings, constructed of hardwood. Doors shall be flush type as shown. Series 600 American Contemporary pre fin. walnut.

Bath vanities- stock or millmade to details, of birch.
Note doors of medicine cabinets in Dress. 24.

Living Room - cabinets and bookshelves to match paneling. Birch may be used for exposed solid wood members and stained to match paneling.

Counter tops, edges and splash boards shall be covered with hard plastic laminate. Colors and paterns of laminate to be as selected.

Staircase Work - All stairs shall be supported on heavy carriages constructed on not less than three 2" x 12" s. The treads shall have moulded nosings with cove moulding below. Treads and risers shall be tongued and grooved together, and wall stringer shall be routed out to receive ends of threads and risers 3/4 inch B & Btr. yellow pine. Install rail and balusters of design as noted on drawings. ~~Exterior stairs shall have cedar treads and handrails~~.

6-09 INSULATION: Install flexible type insulation in ceilings and exterior walls of second floor.

Insulation shall be mineral wool type (rock, slag or glass wool) in batt or continuous blanket form and 4 inch nominal thickness. Insulation shall be enclosed with a vapor barrier membrane on one face and a vapor permeable membrane on the other.

Install insulation with vapor barrier facing the room to be insulated. Install insulation with ends fitted tight and vapor barrier lapped; staple edges of paper to wood construction. Provide insulation stops between insulated and non-insulated areas.

6-10 WOOD FLOORS NONE DELETE

Parquet Oak Flooring - Material shall be 3/8" x 9" x 9" laminated blocks, tongued and grooved pre-finished with vinyl-alkyd finish in oak with sienna oak finish as manufactured by Wood-Mosaic Corporation, Louisville, Kentucky. Installation shall be with mastic according to manufacturer's specifications.

Wood Floors Under Resilient Floors - Wood floors under ~~linoleum~~ flooring shall be 5/8 inch thick fir plywood, B-D grade. Lay plywood with long dimension of sheet at right angles to joists with joints closely fitted and end joints staggered. Face nail to wood sub-floor with spiral or screw nails of proper length. Space nails 6 inches along panel edges and 12 inches a part at intermediate points along each joist; countersink all nail heads. Fill joints between sheets and over nail heads with plastic wood before sanding. Sand all joints to a smooth finish.

6-11 PRE-FINISHED PLYWOOD: Where schedule on drawings call for plywood walls, provide 1/4 inch thick, factory-finished, hardwood paneling. Material shall be Georgia Pacific Premium Paneling American Black Walnut or approved equal. Other species and finish shall be as selected. Furnish factory-finished mouldings to match paneling, including base, trim, stops, shoes and outside corners.

~~Garage Pre-finished paneling Fiji Lauan $5.00 per sheet.~~

6-12 HARDWARE: Furnish and install all rough and finish hardware. Finish hardware allowance $250.00

SECTION NO. 7 - ROOFING AND SHEET METAL

7-01 SHEET METAL: Galvanized iron shall be Armco Paintgrip of gauges as specified herein. Solder shall conform to ASTM Specifications B-32.

7-02 FELT: Felt under roof is specified under Carpentry Section.

7-03 ASPHALT SHINGLES: All sloping roofs shall be covered with mineral surfaced, 12" x 36" asphalt strip shingles, weighing not less than 235 lbs. per square. Provide individual shingles to match for hips and ridges. Color of shingles shall be selected by Owner. Wind seal jet by Bird Roofing.

Asphalt shingles shall be laid in full accordance with manufacturer's directions using galvanized roofing nails of proper size to penetrate the roof sheathing 3/4" and roofing cement as recommended by manufacturer.

Valleys shall be flashed with two thicknesses of mineral surfaced roofing to match color of shingles, one 9" wide and the other 18" wide. Valley flashing shall be applied before shingles are laid.

7-04 METAL FLASHING: Where sloping roof abuts vertical surfaces, install continuous step flashings of separate pieces. Install each step to overlap underlying step by 3 inches, do not solder joints. Material for flashing shall be 26 ga. galvanized iron. Extend cap flashing into chimney masonry full thickness of masonry and turn up at flue lining.

DELETE

7-05 HUNG GUTTERS: Install "Ogee" type hung gutters at eaves where shown. Construct gutters of 26 gauge galvanized iron to sizes shown, in approximately 8 foot sections and joined together by tongue and grooved slip joints; fill joints with a thick mixture of white lead paste. Provide all necessary end pieces, caps, outlet tubes and miters as required; solder into place and make watertight.

Support gutters on hangers spaced near ends and 36 inches apart. Slope gutters to downspouts at a uniform rate of 1/16 inch per foot. Hangers for gutters shall be an adjustable stock type.

7-06 DOWNSPOUTS: Install metal downspouts of 24 ga. galv. iron on outside walls where indicated. Form downspouts to sizes shown, in 8 to 10 foot sections, with end joints telescoped 1-1/2 inches and longitudinal joints locked. Provide underground drain from downspout to downhill side.

7-07 STRAINERS: Install in each gutter outlet to downspout a 14 gauge galvanized wire strainer, of the removable basket type. Fit strainer snugly into outlets.

SECTION NO. 8 - WALLBOARD, LATH AND PLASTER

8-01 SCOPE: Except as otherwise specified, all walls, partitions and ceilings throughout are to be finished with gypsum wall board. Refer to finish schedules for areas to receive pre-finished plywood paneling and tile wainscots.

8-02 MATERIALS:

Gypsum Wallboard - 1/2" thick with long edges tapered.

Fasteners - 6d. gypsum wallboard nails, 1/4" flat head, 13 guage, medium diamond point.

Metal Trim - Casing beads and corner beads shall be galvanized steel. Corner beads 1" x 1¼".

Tape - Joint reinforcing tape shall be perforated type.

Joint Compound - A powdered mixture supplied by the wallboard manufacturer or premixed joint compound.

8-03 INSTALLATION: Gypsum wallboard shall be applied first to ceiling, then to walls at right angles to framing members. Boards of maximum practical length shall be used so that an absolute minimum number of end joints occur. Boards shall be brought into contact with each other but shall not be forced into place.

Wallboard joints at openings shall be located so that no end joint will align with edges of opening. End joints shall be staggered, and joints on opposite sides of a partition shall not occur on the same stud.

8-04 NAILING: Nails shall be located not less than 3/8" nor more than 3/4" from edges and ends of wallboard. Nails shall be a maximum of 7" o.c. on ceilings and a maximum of 8" o.c. on walls.

The board shall be held in firm contact with the nailing member while nails are being driven. Nailing shall proceed from the central portion of board toward ends and edges.

The nails shall be driven home with the heads slightly below the surface of the board in a dimple formed by the driving tool. Care shall be taken to avoid breaking the paper face. Improperly driven nails shall be removed.

8-05 JOINT TREATMENT: Joint compound shall be mixed in accordance with printed instructions on the package.

A uniformly thin layer of joint compound shall be applied over the joint approximately 4" wide. The tape shall be centered over the joint and embedded into the compound leaving sufficient joint compound under the tape to provide proper bond. Ceiling and wall angles and inside corner angles shall be reinforced with the tape folded to conform to the angle and embedded into the compound.

After the compound is thoroughly dry, the tape shall be covered with a coat of compound spread over the tape, approximately 3" on each side of tape and feathered out at the edge. After thoroughly dry, another coat of joint compound shall be applied with a slight, uniform crown over the joint. This coat shall be smooth and the edges feathered out approximately 3" beyond the preceding coat.

All inside corners shall be coated with at least one coat of joint compound with the edges feathered out.

All nail heads and dimples shall receive three coats of joint compound, applied as each coat is applied to joints.

Flanges of corner bead shall be concealed by at least two coats of compound, feathered out approximately 9" on each side of the exposed metal nose.

Allow each application of compound to joints and nail heads to dry, then sand if necessary. Caution shall be used to avoid roughing of the wallboard paper. All wallboard and treated areas shall be smooth and ready for decoration.

~~8-06 CEILING FURRING~~ ~~On basement ceiling use U. S. Gypsum furring channels and screw wallboard not greater than 12" o.c. Furring channels shall be spaced 24" o.c.~~

DIVISION 9 SECTION A
CERAMIC TILE WORK

1. GENERAL

Refer to the drawings and finish schedule for areas requiring ceramic tile.

2. MATERIALS

All tile shall be standard grade complying with U. S. Department of Commerce's SPR R 61-61 and Federal Specifications SS-T-308-b. All tile shall be delivered to the job in unopened, grade-sealed cartons. A Master Grade Certificate in the form approved by the U. S. Department of Commerce's SPR R 61-61, shall be furnished before installation is started.

3. WALL TILE

All glazed wall tile shall be $4\frac{1}{4}$ x $4\frac{1}{4}$ in colors as selected by the Architect. Tile shall be satin or matte glaze. All joints shall align vertically and horizontally throughout the trim and field tile.

4. TRIM SHAPES

Provide all required shapes such as cove, bullnose, angles and strips. Form all vertical external corners with 3/4" radius; form all intersections of the walls and floors with 3/8" radius.

5. FLOOR TILE

Unglazed impervious ceramic mosaics in sizes and patterns as selected by the Architect.

6. MARBLE THRESHOLDS

Provide marble thresholds for doors to all rooms having tile floors.

7. SAMPLES

Submit samples of all ceramic tile in this Section for Architect's approval prior to installation. Samples shall be of sufficient size to indicate true color and texture.

8. SETTING, CLEANING, PROTECTION & CURING

All ceramic wall and floor tile and quarry tile shall be installed by the conventional Portland cement method in accordance with the American Standards Association's Specifications ASA A-108.1, and A-108.3.

SECTION NO. 10 - RESILIENT FLOORING

10-01 SCOPE:

General - The work specified in this section includes resilient flooring, wall base, and edge strips.

10-02 MATERIALS:

Vinyl Asbestos Tile and Vinyl Tile shall be products of Armstrong Cork Company or Kentile, Inc. in color and pattern specified in COLOR SCHEDULE section, and size 9" x 9" x 1/8" thick.

Vinyl Base shall be Armstrong Cork Company or Kentile, Inc. "Set-On" type, in color specified in COLOR SCHEDULE, and shall be 4" high. Outside corners and starters at door jambs shall be premoulded shapes.

Adhesives shall be best quality as recommended by the manufacturers of flooring and base, and shall be delivered on the job in the adhesive manufacturer's sealed packages with labels intact. All adhesive shall be waterproof and guaranteed not to become brittle under moisture or low temperature condition.

Edging Strips shall be resilient flooring material in color selected.

10-03 LAYOUT:

Tile shall be arranged symmetrically about center lines of room. Grain of tile shall run in one direction. Checkerboard patterns will not be acceptable.

10-04 INSTALLATION:

All tile shall be laid by experienced workmen approved by the tile manufacturer. If the schedule should reveal areas where the type of covering to be used is not recommended by its manufacturer for the conditions of installation, the Contractor shall so notify the Architect. If such notification is not given, the Contractor shall be held to have satisfied himself that all condition of installation are strictly in accordance with manufacturer's recommendations.

Before any tile is laid the cement floors shall be clean and free of scale, oil or greasy material, and shall be swept clean just before the tiles are laid.

Edging strips shall be provided for exposed edges of tile, where threshold strips are not specified or indicated on the drawings.

All fitting and laying shall be done in the neatest and most workmanlike manner, in strict accordance with the manufacturer's printed directions.

Tile shall be laid in the adhesive which shall be spread thinly and evenly onto the cement floor. Ends and edges shall be cut to fit neatly all walls, etc., and all work shall be closely fitted. Tiles shall be neatly cut around all pipes and other projections.

10-05 CLEANING, WAXING, AND PROTECTION:

At the completion of the work, all rubbish or stains resulting from the work shall be removed and one coat of approved self-polishing water emulsion wax shall be applied to all floors, and the work left whole, and in perfect condition. The tile work shall be protected against possible damage until the entire building has been completed. Before final inspection, floors shall be cleaned and given another coat of wax as above.

10-06 GUARANTEE:

A written guarantee against all defects in materials or workmanship for a period of two years shall be furnished to the Owner.

SECTION NO. 11 - PAINTING

11-01 MATERIALS: All paint materials shall be first line products of a manufacturer approved by the Architect.

Deliver materials to the work in original sealed containers. Do not reduce or change materials in any way except as and when specified. Do all required mixing on the premises.

11-02 SAMPLES: Prepare required sample well in advance of the work so as to cause no delay, to meet approval of the Architect as to color. Match approved sample accurately in the finished work.

11-03 PROTECTION: Protect adjacent work and materials from damage.

11-04 PREPARATION OF SURFACES: The Sub-contractor for work in this section is wholly responsible for the finish of his work. Do not commence any part of the work until surface is in proper condition.

Apply 1 coat of shellac to knots and sappy spots 10 hours before painting. Putty nail holes, cracks and blemishes after priming coat has become dry. Putty shall match shade of finished coat. Paint top and bottom edges of all sash and doors.

Clean greasy and oily surfaces with turpentine or benzine before applying any materials. Remove rust and scale by scraping, wire brushing or sandblasting.

11-05 WORKMANSHIP: No exterior painting shall be done in rainy, damp or frosty weather. No interior painting or finishing shall be done until the building has been thoroughly dried out, by artificial heat if necessary.

Allow enamels, varnishes and exterior oil paints to dry 48 hours between coats; allow interior paints to dry 24 hours between coats. Lightly sand enamels and varnishes with No. 9 sandpaper and dust between coats.

After applying paste wood fillers, carefully clean excess from surface by rubbing across the grain.

11-06 CLEANING AND REMOVAL: When work is completed, remove all surplus materials and equipment.

Clean all misplaced paint materials; leave premises in perfect condition.

11-07 SCHEDULE OF PAINTING: Brand names listed are products of The Sherwin-Williams Company. If Contractor wishes to use products of other manufacturers he shall submit a complete list showing manufacturer's name and brand proposed for each type of finish specified and shall obtain Architect's written approval before ordering any materials.

EXTERIOR WORK

Wood Trim, Sash, Doors

1 coat SWP Undercoater No. 450
2 coats SWP Exterior Gloss Paint

Miscellaneous and Ornamental Metal

1 coat (shop) S-W Kromik Metal Primer
2 coats (field) S-W Metalastic

Gutters and Downspouts

1 coat SWP Undercoater No. 450
2 coats SWP Exterior Gloss Paint

INTERIOR WORK

Walls & Ceilings of Baths, Kitchen and Breakfast Room

1 coat S-W Quali-Kote Dry Wall Primer
1 coat S-W Color Harmony Semi-Lustre

All Other Walls & Ceilings

1 coat S-W Quali-Kote Dry Wall Primer
1 coat S-W Color Harmony Flat-Tone

Wood Trim & Doors

2 coats S-W Color Harmony Semi-Lustre

Woodwork Natural

1 coat oil stain in color selected
1 coat glossy varnish - sand
1 coat satin varnish

Concrete Block

1 coat S-W Block-Tex
1 coat S-W Quali-Kote

SECTION NO. 12 - PLUMBING

12-01 PERMITS: This Contractor shall pay all fees, charges and obtain and pay for all permits required for the plumbing work. He shall furnish to the Owner, free of charge, all certificates of inspection by the authorities having jurisdiction.

12-02 CODES AND ORDINANCES: The installation of the plumbing system shall conform in every respect to all applicable local plumbing codes, ordinances and regulations.

12-03 EXCAVATING AND BACKFILLING: Excavating and backfilling necessary for the installation of underground piping shall be done by the Plumbing Contractor.

12-04 CUTTING, PATCHING, CHASES, ETC.: The Plumbing Contractor shall specifically inform the General Contractor of the size and location of all chases, openings, supports, etc., which his work may require, and shall be responsible for the construction of same. He shall do all necessary cutting for the installation of pipes, avoiding cutting whereever possible, but in no case cutting supporting members of construction; without first consulting the Architect.

12-05 TESTS: This Contractor shall make all tests as called for in the presence of the Architect or his representative. Any leaks that may appear shall be repaired by the Contractor without extra charge, and the tests repeated until the piping is shown to be perfectly tight.

12-06 CAST IRON PIPE: Cast iron pipe shall conform to ASTM Spec. A-74 and shall be coated; "extra heavy" for all underground work and "service" weight for all other work. Cast iron pipe and fittings shall be used for all soil, waste and vent piping unless otherwise specified.

12-07 JOINTS IN CAST IRON PIPE: Joints in cast iron pipe shall be firmly packed with oakum of hemp; run with lead, flush with the hub, using about 1 pound of lead to each inch of diameter of pipe; and caulked.

12-08 WATER PIPING: Water piping shall be Chase or Streamline copper tubing Type K for underground piping, and Type L hard temper for piping above ground. Type M hard temper may be substituted for Type L in 1-1/2" and larger sizes. Copper tubing shall be assembled with Chase or Streamline solder type copper or brass fittings. Solder and flux shall be the types recommended by the fitting manufacturer for plumbing services; solder shall contain not less than 50% tin.

DELETE

12-09 DISPOSAL SYSTEM: A complete disposal system consisting of septic tank and disposal field shall be installed. All installation details shall comply with Georgia State Health Department requirements. Contractor shall pay all fees, obtain inspection of the work before piping is covered and deliver certificates to the Owner.

12-10 SOIL, WASTE AND VENT PIPING: Soil, waste and vent piping shall be of sizes required by code. All offsets shall be made at an angle of not less than 45 degrees to the horizontal. All turns shall be made with large bends and all branches with Y's. Pipe stacks shall be firmly supported at the base in an approved manner, and elsewhere on approved iron pipe hangers.

12-11 CLEANOUTS: Readily accessible cleanouts shall be placed on all horizontal lines, at the base of all risers, and where required by code.

12-12 FLASHING OF VENT PIPES: Where vent pipes pass through the roof, the joints shall be made watertight with approved special flashings or sleeves of 6 lb. sheet lead enclosing the pipe on all sides. Where possible vents shall be located in an inconspicious location and shall not be located on the front portion of sloping roofs without the permission of the Architect.

12-13 FLOOR DRAINS: Install areaway and floor drains where shown. Size, type and make of drains is specified below with plumbing fixtures.

12-14 WATER SUPPLY PIPING: Contractor shall furnish and install water meter and a 3/4" copper water line from meter to a point inside the foundation walls where he shall install a drain cock fitting. From this point he shall extend to water heater and to all fixtures. Hot water piping shall be installed to provide hot water from heater to all lavatories, bath tubs, sink, dish washer, clothes washer and sink in basement. All hot water piping shall be insulated with approved type pipe covering.

12-15 VALVES: Valves except at fixtures, or where otherwise specified, shall be polished cast brass valves of the full size of the pipes they control. A shut-off valve and drain cock shall be installed on the main water supply line just inside the building. At the base of each riser of water pipe there shall be a compression stop and drain valves. All valves shall be located in accessible places.

12-16 HOSE BIBBS: Where directed, install in foundation walls four (4) 3/4" brass hose bibbs, equal to Standard Plate R-7220.

12-17 OTHER APPLIANCES: See Section 15. Contractor shall make all plumbing connections required.

12-18 All fixtures Kohler to establish standard of quality. Color is white unless noted.

Baths [illegible] 23

Bathtub -	[illegible]	Bradford K-806
	Mixing Valve	K-6975
	Shower Head	K-7370
	Pop-up Drain	K-7150-R
	Curtain [illegible]	K-9710

Lavatory -	Brookline	K-2204-C
	Supply	K-7401
	Supplies W/stops	K-7606
	Cast Brass P Trap	K-9000
Water Closet -	Bolton	K-3675 EBA
	Supply W/stop	K-7638
	Seat	No. 44 Olsonite W/cover

Bath 9

Shower Head	K-7370
Mixing Valve	K-6975
Chrome floor drain & strainer	

Lavatory -	Brookline	K-2204C
	Supply	K-7401
	Supplies W/stops	K-7606
	Cast Brass P Trap	K-9000
Water Closet -	Bolton	K-3675 EBA
	Supply W/stop	K-7638
	Seat	No. 44 Olsonite W/cover

Kitchen

Sink - Elkay PR-3321 D.S. double comp. selfrimming
Kohler K-7830 Hyka one lever sink fitting
furnish strainers, trap and supplies with stops.

Sewing

Washing Machine fittings Guy Gray Style No. 200 with two faucets and 2" waste.

Water Heater

General Electric GEF 40 gal. table top

SECTION NO. 13 - HEATING AND AIR CONDITIONING

13-01 GENERAL REQUIREMENTS: All work shall be done in conformance with State and local codes and the requirements of the National Board of Fire Underwriters.

The contractor shall install the ductwork and equipment in accordance with recognized good practice for a quality installation coordinating with the other trades to avoid conflict.

Equipment shall be installed in accordance with manufacturer's recommendations and arranged in a manner as to be readily accessible for maintenance and repairs.

Contractor shall provide free of charge, necessary service for 90 days after the system is put into operation for balancing, adjusting and servicing.

13-02 HEATING AND AIR CONDITIONING SYSTEM

Heating and air conditioning system shall be all gas heat and electric air conditioning, forced air system using furnace and condensing unit. Heating system shall be guaranteed to maintain an indoor temperature of 70 degrees Fahrenheit when the outdoor temperature is 10 degrees Fahrenheit. Air conditioning system shall maintain a 15 degree Fahrenheit differential between the inside and outside.

13-03 FURNACE

Furnace shall be Fedders CRA048AQ (48,000 BTUH unit as shown on plans. Unit shall be for upflow application.

13-04 CONDENSING UNIT Fedders CRC048A3 (48,000 BTUH

Condensing unit shall be designed for outdoor installation and shall be [illegible] Unit of the '48 series as shown on the plans. Units shall have time guard circuit, and crank case heaters.

13-05 THERMOSTAT

Thermostat shall be automatic type by Honeywell.

13-06 SHEET METAL DUCTWORK

All supply and return ducts shall be constructed of not less than 26 gauge galvanized steel. Volume dampers shall be installed in all branch runs and where dampers are above finished ceilings, rods shall be extended through the ceiling and finished in a neat manner.

13-07 INSULATION

All supply and return ducts throughout shall have a minimum of 1" thick glass fiber insulation with a .002 foil vapor barrier securely wrapped over entire area.

13-08 REGISTERS AND GRILLES

Registers and grilles shall be extruded aluminum as manufactured by ADP of sizes as indicated on the plans.

13-09 ELECTRICAL CONNECTIONS

The electrical contractor shall provide power wiring and a disconnect of size required within five (5) feet of units. The heating and air conditioning contractor shall do all wiring and control interlock wiring from this point.

13-10 REFRIGERANT PIPING

Refrigerant piping shall be ACR tubing and the suction lines shall be insulated with not less than ½" thick Armaflex insulation and shall be sloped as required.

13-11 CONDENSATE DRAIN

Condensate drains shall be run to the floor drain in the equipment room. Drains shall be of galvanized pipe and shall be insulated the same as the suction lines.

13-12 FLUE

Flue from furnace shall be of metalbestos type and shall be installed in accordance with manufacturer's recommendations.

13-13 GAS PIPING

Gas piping shall be done under Plumbing Section.

SECTION NO. 14 - ELECTRICAL

14-01 GENERAL: The installation of electric wiring and equipment shall comply with all local laws applying to electrical installations in effect and with the regulations of the National Electrical Code and the Georgia Power Company. The Contractor shall obtain all permits required and after completion of the work shall furnish to the Owner a certificate of final inspection.

14-02 STANDARDS FOR MATERIALS AND WORKMANSHIP: All materials shall be new and shall be listed by the Underwriters' Laboratories, Inc., as conforming to its standards in every case where such a standard has been established for the particular type of material in question. All work shall be executed in a workmanlike manner and shall present a neat and mechanical appearance when completed.

14-03 GUARANTY: The Contractor shall leave the electrical system in proper order and without additional charge, replace any work or material which develops defects, except from ordinary wear and tear, within one year from the date of the final certificate of approval.

14-04 SCOPE: The work to be done under these specifications shall include the furnishing of all labor and material required to complete the installation of all electrical wiring as shown and as required and the installation of lighting fixtures.

14-05 TYPE OF WIRING: Interior wiring shall be non-metallic sheathed cable, minimum size No. 12. No exposed wiring shall be installed except in unfinished portions of basement and attic or other unfinished spaces.

14-06 SERVICE CONDUCTORS AND FEEDERS: The service will be three-wire, 115/230 volts, 60-cycle, single phase. The service conductors shall be not smaller than 3/0 copper or 4/0 aluminum and shall terminate on the outside of the house at a point to be designated.

14-07 SERVICE EQUIPMENT: Furnish and install equipment as follows:

Square D or equal, circuit breaker type panelboard with the following:

1 - 200 amp. pull-out (MAIN)
20 - 115 volt circuits
10 - 230 volt circuits
10 - Spares

Circuit breakers shall be quick-make, quick-break type with thermal-magnetic trip.

14-08 OUTLETS AND WALL SWITCHES: Lighting outlets, convenience outlets, and wall switches shall be installed where directed. All outlets and switches shall be accurately located. Bracket outlets in the bathroom shall be five feet above the floor. Wall switches shall be located four feet above the floor. Convenience outlets shall be 18 inches above the floor, except that convenience outlets in the bathrooms, kitchen, laundry and basement shall be placed at suitable heights, in general about four feet above the floor.

14-09 MATERIALS: All lighting outlet boxes except those intended for lamp receptacles shall be provided with suitable means for supporting the fixtures. Ceiling outlet boxes in all finished spaces shall be provided with covers having openings not larger than 2-7/8" in diameter. Bracket outlet boxes shall be provided with covers having openings not over 1-1/2" wide. Wall switches shall be Theiler "Feather-touch". Convenience outlet receptacles shall be grounding type, duplex plug receptacles, 15-amp., 125-volt designed to handle either parallel blade or grounding type attachment caps. Receptacles installed outdoors shall be weather-proof type. Switch and receptacle plates shall be ivory plastic of a design approved by the Architect. Provide chrome plated brass in kitchen, laundry and baths.

14-10 SIGNALLING SYSTEMS: At exterior doors install push buttons of design and finish as approved by the Architect. Install a bell-ringing transformer at a suitable location to operate the system. Install chimes, furnished by Owner, at locations indicated. Connect system in such a manner that any push button will sound both chimes. All wiring shall be done with braided rubber-insulated, wire not smaller than No. 18, with all joints soldered and taped.

14-11 RACEWAYS FOR TELEPHONE SERVICE: Install in the basement a 8" x 10" x 4" steel box. From this box install conduit or tubing of size satisfactory to the local telephone company to telephone outlets where shown. The telephone outlets shall consist of standard telephone outlet box provided with telephone plate of material and finish the same as specified for switch and receptacle plates.

14-12 WIRING FOR HEATING SYSTEM: The Electrical Contractor shall provide power wiring to within 3 feet of the furnace locations and shall furnish and install a switch box at these locations. The Heating Contractor will make final connections to the furnace and will install thermostat wiring.

SECTION NO. 15 - KITCHEN EQUIPMENT

15 - 01 Contractor shall furnish and install the following equipment with all electrical, plumbing and venting connections complete.

1 Frigidaire Oven Model RBAG - 94 L Brushed chrome

1 do Cooktop Model RB130L do

1 do Dishwasher Model DW-CDUL do

1 Norge Waste Disposer Model 45-WDD-700

1 do Hood Model VE 30 Steeltone finish provide roof jack.

SECTION NO. 16 - MISCELLANEOUS SPECIALTIES

16-01 BATHROOM ACCESSORIES: Miami Carey model numbers.

Furnish and install the following for each bathroom

Bath 9	Bath 23
1 No. 7030 Soap and Grab Bar	1 No. 6044 (B)
1 No. 7027 Paper Holder (chrome roller)	1 No. 6042 (B)

Accessories furnished by the Owner shall be installed by the contractor.

Shower Door - One for shower in Bath 9 shall be ES30 by Showerfold Door Corporation, color of plastic panels to be selected by the Owner.

Dressing Room 24

2 Miami Carey Model 345 Medicine Cabinets.

Apply moulding to the doors so that doors match doors of vanity below. The doors on these cabinets are flush, no mirrors.

If base vanity has routed finish, substitute wood door to match vanity doors.

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Dressing Room 24

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